

Tuesday, 27 March 1984

12:00

Director's Dining Room

Luncheon Meeting with Dr. George A. Keyworth,
Science Advisor to the President and
Director, Office of Science & Technology
Policy

Attending: DCI (Casey)

Dr. Nall, NIO/S&T

[redacted] A/NIO/S&T

Herb Meyer, VC/NIC

[redacted] SRP

[redacted] OSWR

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NIC 01928-84

The Director of Central Intelligence
Washington, D.C. 20505

National Intelligence Council

23 March 1984

NOTE FOR THE DIRECTOR

SUBJECT: Points for Discussion during Luncheon Meeting on 27 March
with Jay Keyworth

I suggest that the discussion include the following topics:

Worldwide Sciences

- The National Academy of Sciences study of various worldwide sciences.
 - Sponsored by the National Science Foundation (NSF).
 - Frank Press and Ed Knapp have recently agreed that the project will be done.
 - Thank Keyworth for his request to Knapp that the Study be done.
 - About five areas of science to be studied.
 - Funds to be the responsibility of NSF.
 - Keyworth's ideas on topics would be helpful.

Soviet Sciences and Technologies

- The Foreign Applied Science Assessment Center (FASAC).
 - Keyworth recently briefed.
 - Keyworth's reaction?
 - Frank Press and Ed Knapp will be briefed on 23 April.
- NIE on Soviet Sciences to begin soon.
 - Heavy use of academic contacts.
 - Quality of Soviet science, scientists, facilities and education -- status and trends.

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- Jointly led by [] and an internationally recognized scientist -- possibly a recent retiree.
- Keyworth might suggest names of such a scientist.
- Keyworth ideas on the scope of the Estimate.
- NIE 11-12 Follow-on (Soviet Military Technology).
 - Need for identification of technology areas of National importance.
 - Keyworth's suggestions for members of an advisory group.
- Soviet reaction to the Strategic Defense Initiative.
 - Keyworth needs from the Intelligence Community.
- Soviet reaction to US low observable (Stealth) developments.
 - Keyworth needs from the Intelligence Community.
- Technology Surprise.
 - Ways to approach.

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PRC Sciences and Technologies

- NIE on sciences and technologies in the PRC is under consideration.
 - Keyworth's reaction?
 - Same approach to be used as that for NIE on Soviet Sciences -- that is heavy use of academic contacts.

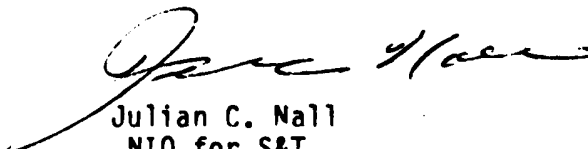
Free World Technologies

- NIE on Trends in Foreign Competition Based on Advanced Technology is under consideration.
 - Keyworth's reaction?

The following persons will join Jay Keyworth, you and me: []
(newly appointed Associate NIO for S&T who was formerly at the Naval Intelligence Support Center), [] and Herb Meyer.

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Julian C. Nall
NIO for S&T

Attachment
Bio of Keyworth

cc: C/NIC
VC/NIC
SRP
Ch/STIC
A/NIO/S&T

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THE WHITE HOUSE

WASHINGTON

**Dr. George A. Keyworth
Science Advisor to the President and
Director, Office of Science and Technology Policy**

George A. Keyworth, II was born in Boston Massachusetts on November 30, 1939. After attending Deerfield Academy, he entered Yale University and received his B.S. degree in Physics in 1963. He was awarded a Ph.D. in Nuclear Physics from Duke University in 1968, where he initiated pioneer research in isospin conservation in nuclear reactions.

In 1968 he joined the staff at Los Alamos Scientific Laboratory and devoted his efforts until 1974 to fundamental research in nuclear physics. During that time, he developed an experimental program to use polarized beams of neutrons and polarized targets to study detailed resonance structure in fission. This program led to a major breakthrough in the understanding of resonance fission, in addition to providing a new technique for nuclear spectroscopy.

In 1974 Dr. Keyworth assumed leadership at Los Alamos of a comprehensive program in nuclear and fundamental interaction physics. In 1978, he became head of the experimental physics division, which consisted of several hundred scientists and technicians whose research encompassed basic research in nuclear and fundamental interactions, condensed matter research, astrophysics and space sciences, as well as applied research toward satellite-based verification of compliance with nuclear test treaties and the physics of super-high energy densities. He later assumed direction of the diagnostic program of underground nuclear tests at the Nevada Test Site. In 1980 the Los Alamos laser fusion effort was combined under his direction with the other experimental physics activities.

President Reagan announced his intention to nominate Dr. Keyworth to be Director of the Office of Science and Technology Policy in the Executive Office of the President on May 19, 1981. In that capacity, Dr. Keyworth serves as Science Advisor to the President. His appointment was confirmed by the Senate on July 24, 1981 and he was sworn into office on August 6.

Dr. G. A. Keyworth - Page 2

Dr. Keyworth is the author and coauthor of a large number of papers in nuclear physics--spanning such topics as nuclear structure, nuclear spectroscopy, neutron and fission physics, as well as nuclear and ultra-low temperature experimental techniques. He is a Fellow of both the American Physical Society and the American Association for the Advancement of Science, as well as a member of the honorary scientific society, Sigma Xi, and the Cosmos Club of Washington.

Among the honors that he has received is a D.Sc. from the Rensselaer Polytechnic Institute.

Dr. Keyworth is married, has two children and resides in McLean, Virginia.